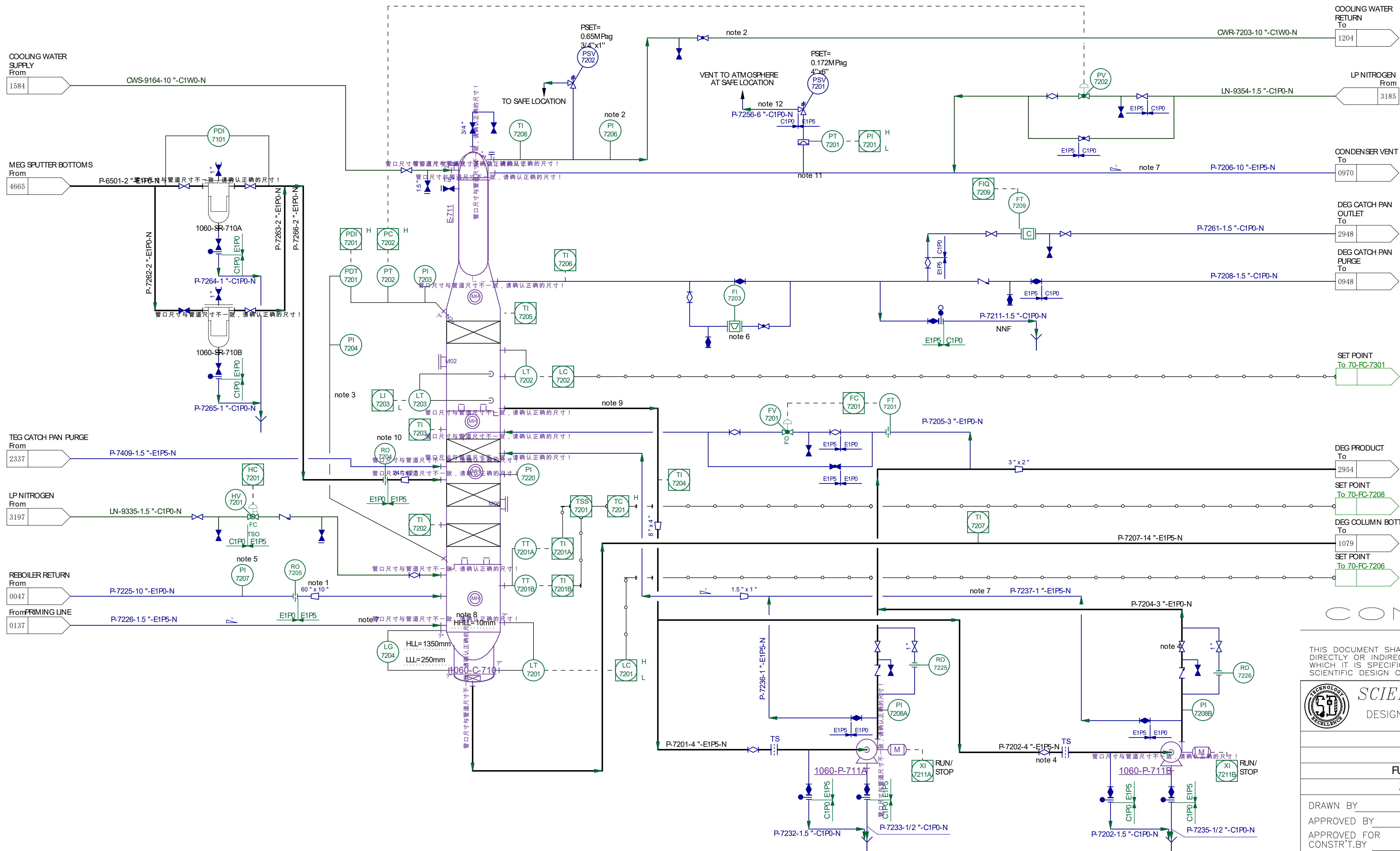


1060-C-710	
DEG COLUMN	
Column ID×I1 (mm)	×
Number of Column Plate	
DP (MPaG)	/
DT (°C)	/
P.M.C-ISO	-

<div style="text-align: center;"> <u>E-711</u> DEG COLUMN CONDENSER </div>	
Rated Duty[kW]	
Area[m ²]/Type	/BEU
Shell ID×Tube Length[mm]	×
DP Shell, Tube[M PaG]	,
DT Shell, Tube[°C]	,
P.M.C Shell, Tube-ISO	,-



<div> <u>1060-P-711A</u> DEG COLUMN REFLEX PUMPS </div>	
Rated Capacity [m ³ /h]	
Head[m]	
Type	
Rated Power[kW]	

<div>1060-P-711B</div> <div>DEG COLUMN REFLUX PUMPS</div>	
Rated Capacity [m ³ /h]	
Head[m]	
Type	
Rated Power[kW]	

会签专业 DISC.	会签人 SIGN.	修改 REV/NO	说明 DESCRIPTION	设计 DRAWN	校核 CHKD.	审核 APPR.	审定 FINAL APPR.	专业负责人 DISCIPLINE LEADER	日期 ISSUE DATE

GENERAL:

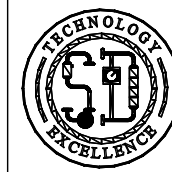
- 1 SEE DRAWINGS 53225-D-00-1 THRU 53225-D-00-4 FOR STANDARD
SYMBOLS AND NOMENCLATURE.
- 2 ALL DRAIN AND VENT VALVES ARE 3/4" UNLESS OTHERWISE NOTED.
- 3 PUMP CASING VENT TO BE PIPED TO GRADE OR OTHER SAFE
LOCATION.
- 4 ALL EQUIPMENT NUMBERS ARE PREFIXED BY "1060".

NOTES:

- 1 MINIMUM DISTANCE FROM REDUCER TO NOZZLE ON COLUMN C-710.
- 2 LOCATE PI AND RETURN VALVE AT PLATFORM ON 13 METERS
ELEVATION.
- 3 PDT IMPULSE LINES TO BE 1 INCH AND FREE DRAINING. LOCATE
INSTRUMENT ABOVE TOP TAP.
- 4 STAND BY PUMP TO BE KEPT PRESSURIZED TO AVOID AIR INGRESSION
INTO SYSTEM.
- 5 LOCATE PI-7207 NEAR RO-7205.
- 6 LOCATE FI-7203 AT GRADE.
- 7 NO POCKETS. SHOULD HAVE A SLOPE AT LEAST 1:500.
- 8 HHLL IS MEASURED FROM BOTTON TANGENT LINE OF LARGE
DIAMETER SECTION.
- 9 MINIMUM 10 METER VERTICAL RUN.
- 10 LOCATE AT MINIMUM DISTANCE FROM NOZZLE.
- 11 MIN. DIST. TO E-711 NOZZLE
- 12 PROVIDE 13 mm DRAIN HOLE

CONFIDENTIAL

THIS DOCUMENT SHALL NOT BE REPRODUCED, COPIED, LOANED OR DISPOSED OF DIRECTLY OR INDIRECTLY NOR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED WITHOUT THE PRIOR WRITTEN CONSENT OF SCIENTIFIC DESIGN COMPANY, INC.



SCIENTIFIC DESIGN COMPANY, INC.

DESIGN LITTLE FERRY, NEW JERSEY ENGINEERING

EO / EG PLANT - P & I DIAGRAM

FUJIAN GULE PETROCHEMICAL CO., LTD
ZHANGZHOU, FUJIAN PROVINCE, PRC

DRAWN BY _____ DATE _____ CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____ SCALE _____
APPROVED FOR CONSTR'T.BY _____ DATE _____ No. _____

福建古雷石化有限公司


FUJIAN GULEI PETROCHEMICAL COMPANY LIMITED

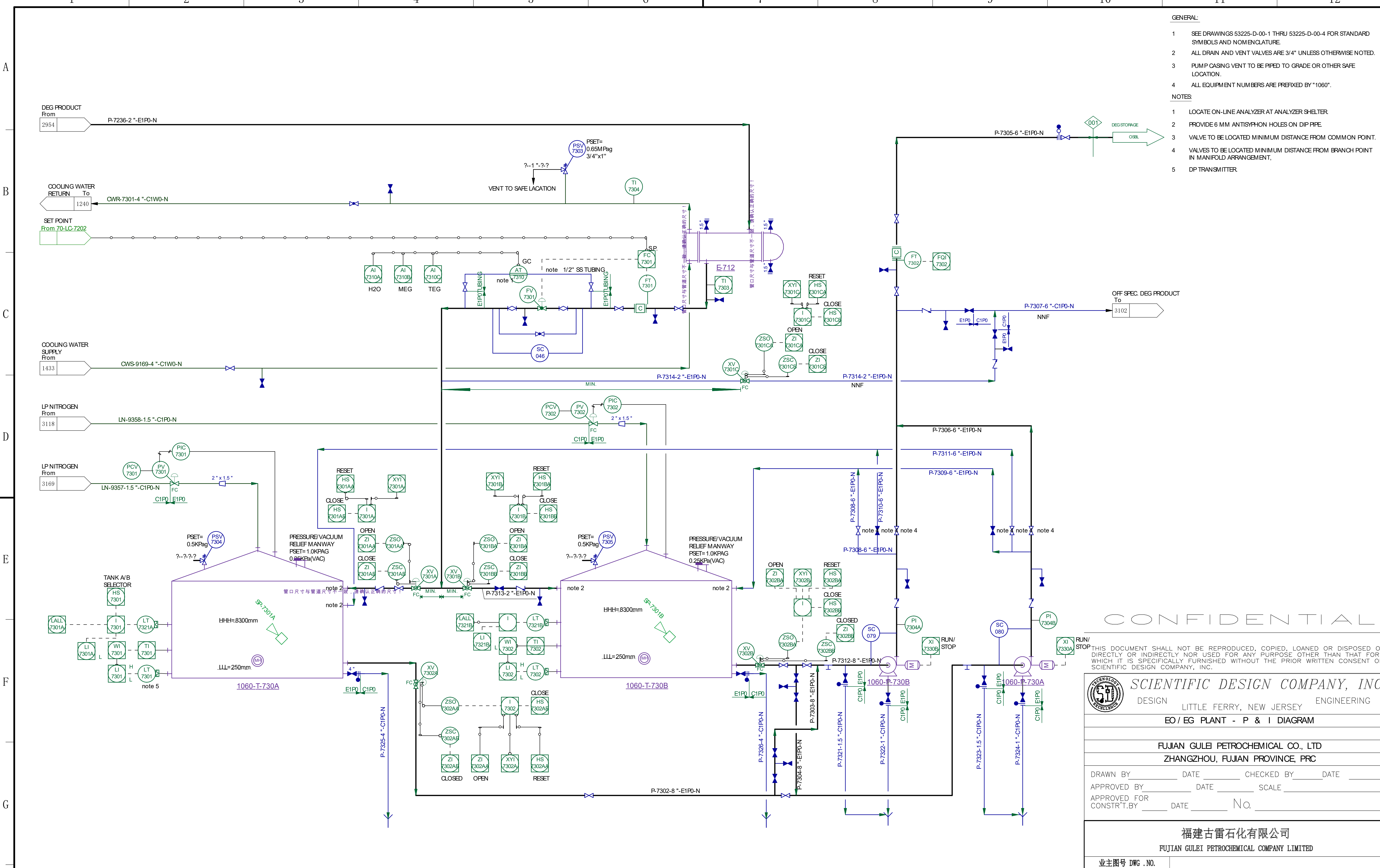
业主图号 DWG . NO.

SSEC 中石化上海工程有限公司
SINOPEC SHANGHAI ENGINEERING COMPANY LTD.
工程设计综合资质甲级
A131000823
原上海医药工业设计院

福建漳州古雷炼化一体化项目百万吨级乙烯及下游深加工装置

装置
管道与仪表流程图
DEG COLUMN

25. SSEC 书面许可，不得以任何方式复制或用于与本项目无关的其他用途。 DO NOT REPRODUCE OR EMPLOY FOR OTHER PURPOSES OTHER THAN THIS PROJECT WITHOUT WRITTEN CONSENT FROM SSEC.			
设计阶段 ES, STAGE	基础设计 (已冻结)	合同号 CONT. NO.	
比例 SCALE		第 1 张 SHEET	共 1 张 OF
项目号 JOB. NO.	1835261		
图号 DWG. NO.	1835261-XXX-PRXXX-XXXX (X)		



- GENERAL:
- 1 SEE DRAWINGS 53225-D-00-1 THRU 53225-D-00-4 FOR STANDARD SYMBOLS AND NOMENCLATURE.
 - 2 ALL DRAIN AND VENT VALVES ARE 3/4" UNLESS OTHERWISE NOTED.
 - 3 PUMP CASING VENT TO BE PIPED TO GRADE OR OTHER SAFE LOCATION.
 - 4 ALL EQUIPMENT NUMBERS ARE PREFIXED BY "1060".
- NOTES:
- 1 LOCATE ON-LINE ANALYZER AT ANALYZER SHELTER.
 - 2 PROVIDE 6 MM ANTISYPHON HOLES ON DIP PIPE.
 - 3 VALVE TO BE LOCATED MINIMUM DISTANCE FROM COMMON POINT.
 - 4 VALVES TO BE LOCATED MINIMUM DISTANCE FROM BRANCH POINT IN MANIFOLD ARRANGEMENT.
 - 5 DP TRANSMITTER.

CONFIDENTIAL

THIS DOCUMENT SHALL NOT BE REPRODUCED, COPIED, LOANED OR DISPOSED OF DIRECTLY OR INDIRECTLY NOR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED WITHOUT THE PRIOR WRITTEN CONSENT OF SCIENTIFIC DESIGN COMPANY, INC.

SCIENTIFIC DESIGN COMPANY, INC.
DESIGN LITTLE FERRY, NEW JERSEY ENGINEERING
EO / EG PLANT - P & I DIAGRAM

FUJIAN GULEI PETROCHEMICAL CO., LTD
ZHANGZHOU, FUJIAN PROVINCE, PRC

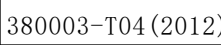
DRAWN BY _____ DATE _____ CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____ SCALE _____
APPROVED FOR CONSTR.T.BY _____ DATE _____ No. _____

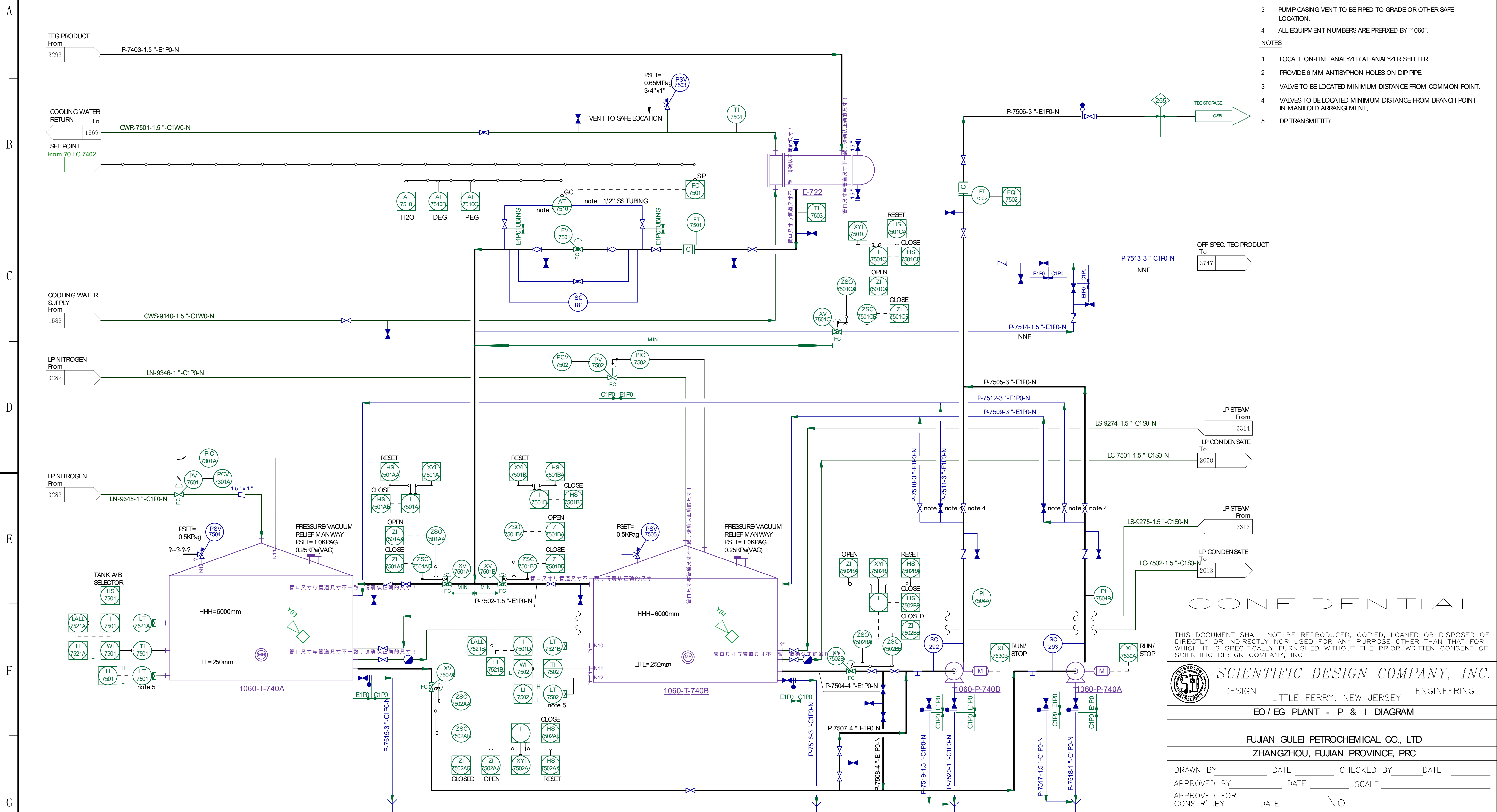
福建古雷石化有限公司
FUJIAN GULEI PETROCHEMICAL COMPANY LIMITED

业主图号 DWG .NO. _____

会签专业		会签人	修改	说明	设计	校核	审核	审定	专业负责人	日期
DISC.		SIGN.	REV.NO.	DESCRIPTION	DRAWN	CHKD.	APPR.	FINAL APPR.	DISCIPLINE LEADER	ISSUE DATE
会签		会签	修改	说明	设计	校核	审核	审定	专业负责人	日期
COUNTERSIGNED		SIGN.	REV.NO.	DESCRIPTION	DRAWN	CHKD.	APPR.	FINAL APPR.	DISCIPLINE LEADER	ISSUE DATE

SSEC 中石化上海工程有限公司 SINOPEC SHANGHAI ENGINEERING COMPANY LTD. 原上海医药工业设计院	
福建漳州古雷炼化一体化项目百万吨级乙烯及下游深加工装置	
装置 管道与仪表流程图	
DEG PRODUCT COOLER AND RUNDOWN TANKS	
项目号 JOB NO. 图号 DWG. NO.	1835261 SHEET 1835261-XXX-PROXX-XXXX CO

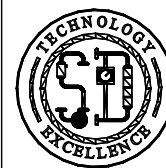




- GENERAL:
- 1 SEE DRAWINGS 53225-D-00-1 THRU 53225-D-00-4 FOR STANDARD SYMBOLS AND NOMENCLATURE
 - 2 ALL DRAIN AND VENT VALVES ARE 3/4" UNLESS OTHERWISE NOTED.
 - 3 PUMP CASING VENT TO BE PIPED TO GRADE OR OTHER SAFE LOCATION.
 - 4 ALL EQUIPMENT NUMBERS ARE PREFIXED BY "1060".
- NOTES:
- 1 LOCATE ON-LINE ANALYZER AT ANALYZER SHELTER.
 - 2 PROVIDE 6 MM ANTISIPHON HOLES ON DIP PIPE.
 - 3 VALVE TO BE LOCATED MINIMUM DISTANCE FROM COMMON POINT
 - 4 VALVES TO BE LOCATED MINIMUM DISTANCE FROM BRANCH POINT IN MANIFOLD ARRANGEMENT,
 - 5 DP TRANSMITTER

CONFIDENTIAL

THIS DOCUMENT SHALL NOT BE REPRODUCED, COPIED, LOANED OR DISPOSED OF DIRECTLY OR INDIRECTLY NOR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED WITHOUT THE PRIOR WRITTEN CONSENT OF SCIENTIFIC DESIGN COMPANY, INC.



SCIENTIFIC DESIGN COMPANY, INC
DESIGN LITTLE ROCK, NEW JERSEY ENGINEERING

EO / EG PLANT - P & I DIAGRAM

FUJIAN GULE PETROCHEMICAL CO., LTD
ZHANGZHOU, FUJIAN PROVINCE, PRC

DRAWN BY _____ DATE _____ CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____ SCALE _____
 APPROVED FOR _____
 CONSTR'T.BY _____ DATE _____ No. _____

福建古雷石化有限公司
FUJIAN GULEI PETROCHEMICAL COMPANY LIMITED

业主图号 DWG .NO.

SSEC 中石化上海工程有限公司
SINOPEC SHANGHAI ENGINEERING COMPANY LTD
工程设计综合资质甲级
A131000823
原上海医药工业设计院

福建漳州古雷炼化一体化项目百万吨级乙烯及下游深加工装置

装置
管道与仪表流程图

TEG PRODUCT COOLER AND RUNDOWN TANKS

未经SCET书面许可，不得以任何方式复制或用于与本项目无关的其他用途 DO NOT REPRODUCE OR EMPLOY FOR OTHER PURPOSES OTHER THAN THIS PROJECT WITHOUT WRITTEN CONSENT FROM SCET			
设计阶段 DES. STAGE	基础设计 (已冻结)	合同号 CONTRACT NO.	
比例 SCALE		第 1 张 SHEET	共 1 OF
项目号 JOB NO. 图号 DWG. NO.	1835261 1835261-XXX-PRXXX-XXXX (X)		

A

B

C

D

E

F

G

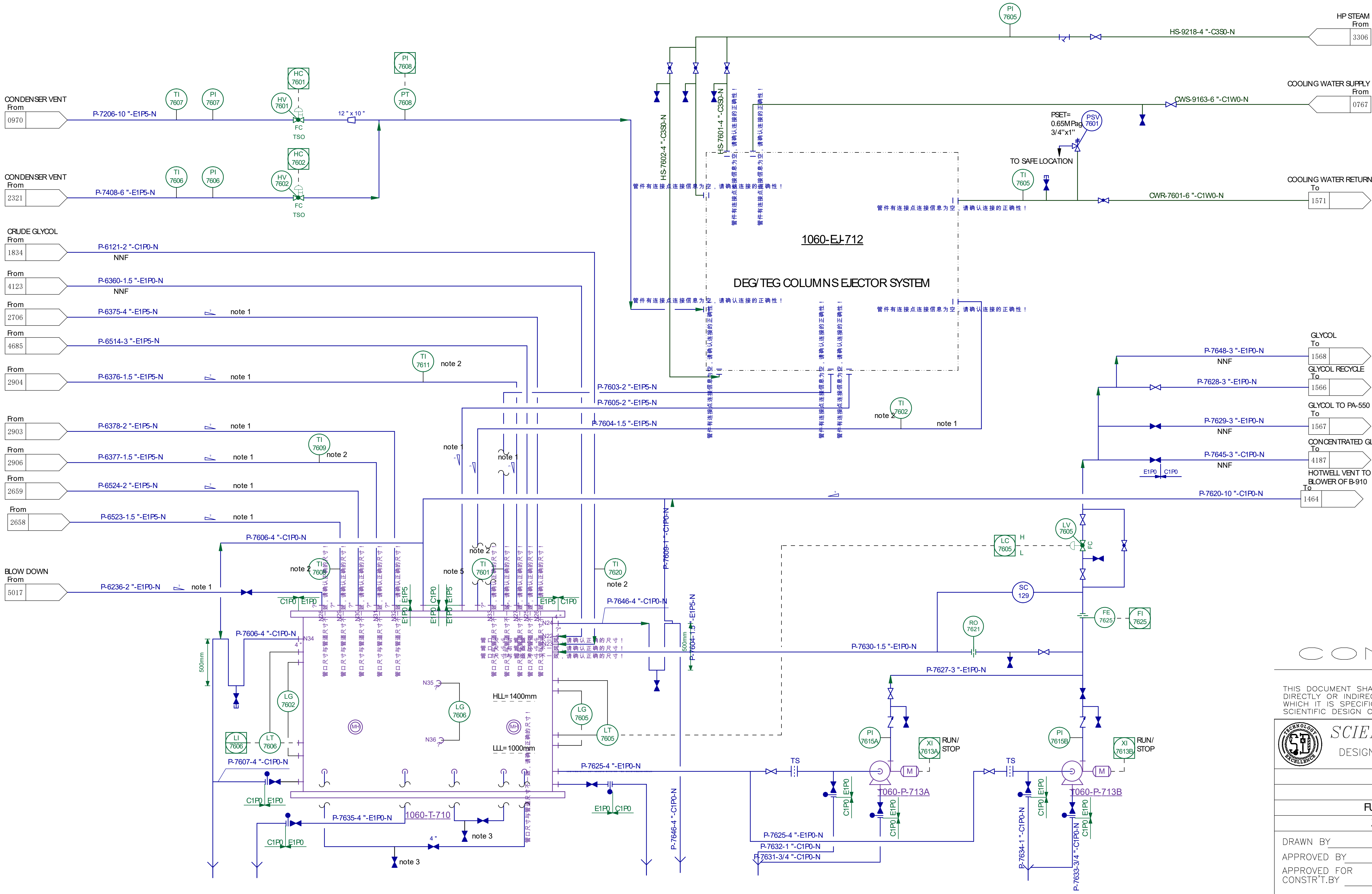
H

GENERAL:

- SEE DRAWINGS 53225-D-00-1 THRU 53225-D-00-4 FOR STANDARD SYMBOLS AND NOMENCLATURE.
- ALL DRAIN AND VENT VALVES ARE 3/4" UNLESS OTHERWISE NOTED.
- PUMP CASING VENT TO BE PIPED TO GRADE OR OTHER SAFE LOCATION.
- ALL EQUIPMENT NUMBERS ARE PREFIXED BY "1060".

NOTES:

- NO HORIZONTAL RUNS OR POCKETS - MINIMUM 30° SLOPE
- LOCATE TEMPERATURE ELEMENTS MIN. DISTANCE ABOVE T-710 AND VISIBLE FROM GRADE OR PLATFORM.
- CONNECTION FOR SAMPLE WHEN NECESSARY.
- LOCATE EJ-712 AT MINIMUM 10 METERS ELEVATION.
- PROVIDE BREAK FLANGES ON ALL LINES ENTERING THRU TOP COVER NEAR HOTWELL.



CONFIDENTIAL

THIS DOCUMENT SHALL NOT BE REPRODUCED, COPIED, LOANED OR DISPOSED OF DIRECTLY OR INDIRECTLY NOR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED WITHOUT THE PRIOR WRITTEN CONSENT OF SCIENTIFIC DESIGN COMPANY, INC.



SCIENTIFIC DESIGN COMPANY, INC.

DESIGN LITTLE FERRY, NEW JERSEY ENGINEERING

EO / EG PLANT - P & I DIAGRAM

FUJIAN GULEI PETROCHEMICAL CO., LTD
ZHANGZHOU, FUJIAN PROVINCE, PRC

DRAWN BY _____ DATE _____ CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____ SCALE _____
APPROVED FOR CONSTR.T.BY _____ DATE _____ No. _____

福建古雷石化有限公司

FUJIAN GULEI PETROCHEMICAL COMPANY LIMITED

业主图号 DWG .NO.

SSEC 中石化上海工程有限公司
SINOPEC SHANGHAI ENGINEERING COMPANY LTD.
原上海医药工业设计院

福建漳州古雷炼化一体化项目百万吨级乙烯及下游深加工装置

装置
管道与仪表流程图

DEG/TEG COLUMN EJECTOR SYSTEM AND HOTWELL

项目号 1835261
图号 1835261-XXX-PROXX-XXXX CO
DWG. NO. 1835261-XXX-PROXX-XXXX CO
比例 SCALE 第 1 张 共 1 张
SHEET OF
设计阶段 DES. STAGE 审核设计 (已审核) 审核号 (CMT. NO.)
A1_Eng_SysVte-11_2